

### ABSTRACT OF THE DISCLOSURE

An idle speed control apparatus which improves freedom of selection in an opening degree characteristic of a throttle valve and is excellent in a resolving power with respect to an opening degree change of the throttle valve, is structured such that an intake passage (2) of a throttle body (1) is opened and closed by a throttle valve (4) attached to a throttle valve shaft (3) and is provided with a throttle valve lever (5) in an end portion of the throttle valve shaft (3), a cam lever (10) is attached to one end of a rotatably supported link shaft (9), a link lever (11) is attached to another end of the link shaft, a slider (12) of a stepping motor (M) is connected to the link lever (11), a cam portion (10A) of the cam lever (10) is connected to a roller (8) of the throttle valve lever (5), a linear motion of the slider (12) is transmitted to the link shaft (9) via the link lever (11) to rotationally displace the link shaft (9), a rotation of the cam lever (10) generated by the rotation of the link shaft (9) is transmitted to the throttle valve lever (5), and the throttle valve (4) opens an idling opening degree in correspondence to the rotation of the stepping motor (M).